

**IN THE CLAIMS**

1. (currently amended) A recording/reproducing apparatus, comprising:

at least two channel selecting mechanisms for taking in a plurality of television signals ~~on-delivered over a plurality of channels~~ including a-the television signal ~~on-delivered over a program guide providing channel,~~ and in that-which an electronic program guide ~~has been-is~~ stored at a predetermined timing, and for selecting the television signal ~~on-delivered over a desired channel in-from among the above-plurality of~~ channels;

at least two signal processing mechanisms for performing predetermined processing to said television signal ~~on delivered over said desired channel-selected by each of said channel selecting mechanisms;~~

electronic program guide extracting mechanism for extracting said electronic program guide from said television signal ~~on-delivered over said program guide providing channel selected by said channel selecting mechanism;~~

switching mechanism for switching connections of said channel selecting mechanisms to output to one or more of said at least two signal processing mechanisms and said electronic program guide extracting mechanism; and

control mechanism for controlling said switching mechanism ~~so-such~~ that, in a first operating case, the signal processing mechanisms are ~~collectively-each~~ connected to one of said channel selecting mechanisms and the electronic program guide extracting mechanism is connected to another one of said channel selecting mechanisms so that as-to-permit (i) a plurality of predetermined different processing ~~to-be-is~~

simultaneously performed on ~~the same~~ said television signal on said desired channel by ~~use of~~ each of said signal processing mechanisms ~~and while~~ (ii) said electronic program guide ~~to be~~ is obtained from said television signal by said electronic program guide extracting mechanism,

the least two signal processing mechanisms simultaneously performing compressive coding processing to the television signal delivered over the desired channel such that each one of the least two signal processing mechanisms performs compressive coding processing at a respective compression rate that is different than that at which any other of the least two signal processing mechanisms performs compressive coding processing.

2. (currently amended) The recording/reproducing apparatus according to claim 1, wherein, in a second case, said control mechanism controls said switching mechanism so that the ~~above~~ plural—at least two signal processing mechanisms and said electronic program guide extracting mechanism are collectively connected to only one of said plurality of channel selecting mechanisms.

3. (currently amended) The recording/reproducing apparatus according to claim 1, further comprising ~~wherein:~~ a recording medium for storing said television signal subjected to said predetermined processing by ~~each of~~ said signal processing mechanisms, wherein is included, ~~and each of said signal processing mechanisms simultaneously performs compressively coding processing to said one television signal on said desired channel selected by one of said channel selecting mechanisms at a different compression rate, respectively, and said television signals compressively coded at~~

the ~~above~~ different compression rates are recorded in said recording medium.

4. (currently amended) The recording/reproducing apparatus according to claim 1, further comprising~~wherein~~: a recording medium for storing said television signal subjected to said predetermined processing by each of said signal processing mechanisms, ~~is included, and wherein said plural~~ signal processing mechanisms simultaneously perform processing for viewing ~~or respectively different compressively coding processing to said one~~ television signal ~~on~~ carried over said desired channel ~~selected by one of said channel selecting mechanisms~~, and said television signals subjected to the above compressive coding in the above processing for viewing ~~and compressively coding processing~~, are recorded in said recording medium.

5. - 10. (cancelled)

11. (currently amended) A recording/reproducing apparatus, comprising:

two channel selecting mechanisms for taking in a plurality of television signals ~~on~~ delivered over a plurality of channels including a program guide providing channel, and for selecting a television signal or signals therefrom from among the above plurality of television signals;

a first signal processing mechanism and a second signal processing mechanism ~~each~~ for performing ~~a~~ respective predetermined processing on a received television signal supplied thereto, ~~such that~~ the first signal processing mechanism ~~is operable to performing~~ a first predetermined processing and the second signal processing mechanism ~~is operable to performing~~ a second predetermined processing which is different than from the first predetermined processing;

electronic program guide extracting mechanism for extracting said electronic program guide from said program guide providing channel;

switching mechanism for switching connections of said channel selecting mechanisms to output to one or more of the first and second signal processing mechanisms and said electronic program guide extracting mechanism; and

control mechanism for controlling said switching mechanism such that ~~in a first operating case~~ the first and second signal processing mechanisms are connected to a same one of said channel selecting mechanisms and the electronic program guide extracting mechanism is connected to another one of said channel selecting mechanisms so that as to enable (i) the first signal processing mechanism and the second signal processing mechanism ~~to~~ receive a same one of said plurality of television signals and ~~to~~ cause the first predetermined processing and the second predetermined processing to be simultaneously performed on ~~the same one of said that television signals, and while~~ (ii) said electronic program guide ~~to be~~ is obtained from that television signal by said electronic program guide extracting mechanism,

said first predetermined processing ~~involves including~~ compressive coding at a first compression rate and said second predetermined processing ~~involves including~~ compressive coding at a second compression rate which is different than ~~from~~ the first compression rate.

12. (currently amended) A recording/reproducing method, comprising:

taking in, using two channel selecting mechanisms, a plurality of television signals ~~on~~ delivered over a plurality

of channels including a-the television signal ~~on-delivered~~  
over a program guide providing channel ~~by use of two channel~~  
~~selecting mechanisms, and in that which~~ an electronic program  
~~guide has been-is~~ stored at a predetermined timing; ~~and~~

selecting, using the two channel selecting mechanisms,  
the television signal ~~on-delivered over~~ a desired channel ~~in~~  
from among the above ~~above~~ plurality of channels;

performing, using at least two signal processing  
mechanisms, predetermined processing to said television signal  
~~on-delivered over~~ said desired channel ~~selected by each of~~  
~~said channel selecting mechanisms;~~

extracting, ~~by using of an~~ an electronic program guide  
extracting mechanism, said electronic program guide from said  
television signal ~~on-delivered over~~ said program guide  
providing channel ~~selected by said channel selecting~~  
~~mechanism;~~

switching, ~~by using of a~~ a switching mechanism,  
connections of said channel selecting mechanisms to output to  
one or more of said signal processing mechanisms and said  
electronic program guide extracting mechanism; and

controlling said switching mechanism ~~so such that in a~~  
~~first operating case~~ the signal processing mechanisms are  
~~collectively each~~ connected to one of said channel selecting  
mechanisms and the electronic program guide extracting  
mechanism is connected to another one of said channel  
selecting mechanisms so that as to permit (i) a plurality of  
predetermined different processing ~~to be-is~~ simultaneously  
performed on the same said television signal on said desired  
channel by ~~use of~~ each of said signal processing mechanisms  
~~and while~~ (ii) said electronic program guide ~~to be-is~~ obtained

from said television signal by said electronic program guide extracting mechanism,

the plurality of predetermined different processing including simultaneously performing compressive coding processing, to the television signal delivered over the desired channel, at respective compression rates that are different from each other.